

## **What is claimed is:**

**[Claim 1] 1. A machine body comprising:**

**a housing;**

**an upper body capable of being positioned at a range of angles relative to the housing; and**

**a hinge comprising:**

**a support shaft connected to the upper body; and**

**a support block connected to the housing, the support block comprising a hole, and the support shaft passing through the hole and capable of moving up and down along the hole.**

**[Claim 2] 2. The machine body of claim 1 wherein the support block is rotatably connected to the housing.**

**[Claim 3] 3. The machine body of claim 1 wherein the hole is a cylindrical hole and the support shaft is a cylindrical shaft.**

**[Claim 4] 4. The machine body of claim 1 wherein the area of the cross section of the support shaft is constant over the length of the support shaft.**

**[Claim 5] 5. The machine body of claim 1 wherein the material of the support block comprises rubber.**

**[Claim 6] 6. The machine body of claim 1 wherein the support shaft tightly fits the support block.**

**[Claim 7] 7. The machine body of claim 1 wherein at least one section of the support shaft tightly fits the support block.**

**[Claim 8]** 8. The machine body of claim 1 housing a multi-function peripheral.

**[Claim 9]** 9. The machine body of claim 1 housing a scanner.